

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 02-036849  
(43)Date of publication of application : 06.02.1990

---

(51)Int. Cl.

A61B 5/07

---

(21)Application number : 63-187632 (71)Applicant : MIYARISAN KK  
(22)Date of filing : 27.07.1988 (72)Inventor : YUDA SHUNICHI  
ITO HIROSHI  
TANAKA MAMORU

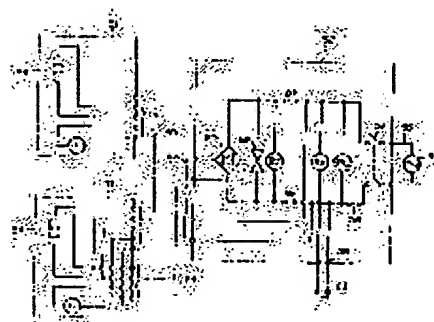
---

(54) OPERATING DEVICE FOR MEDICAL CAPSULE

(57)Abstract:

PURPOSE: To operate a medical capsule certainly by supplying a DC current rectified by a current control part to a coil received within a magnetic field generating member, generating a magnetic field around the coil, and providing two magnetic field generating members in parallel to each other to generate a magnetic field also between these magnetic field generating members.

CONSTITUTION: When a starting switch 57 of a current control part 52 is turned on and an operating switch 63 is pushed, a DC power source is supplied to two magnetic field generating members 51, 51, and an electric current is sent to a coil 54 to generate a magnetic field between the both ends of the coil 54. When the two said magnetic field generating members 51, 51 are operated in the paralleled state, the line of magnetic force of said magnetic field is formed multi-directionally. The direction of the line of magnetic force generated from the magnetic force generating members 51 includes all directions by disposing the members 51 in parallel to each other, and thus a magnetic field sensor can be operated precisely without moving a living body M or the device 51 itself even if a capsule 1 is directed in any direction within the living body M.



---

LEGAL STATUS

[Date of request for examination]  
[Date of sending the examiner's decision of rejection]  
[Kind of final disposal of application other than the examiner's decision of

BEST AVAILABLE COPY

rejection or application converted  
registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998, 2003 Japan Patent Office

**BEST AVAILABLE COPY**